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ABSTRACT

Designed to help South Carolina educators identify instructional television resources to aid in meeting state instructional requirements, continuing objectives, and curriculum needs, this guide lists and briefly describes 195 programs presented over the South Carolina Educational Television Network for grades K-12 in 20 subject areas: (1) language arts; (2) foreign languages; (3) mathematics; (4) natural sciences; (5) social studies; (6) environmental studies; (7) computer education; (8) music, drama, and dance; (9) art; (10) fine arts; (11) health and safety; (12) physical education; (13) driver education; (14) business education; (15) career guidance; (16) home economics; (17) trades and industrial education; (18) guidance; (19) education for the handicapped; and (20) substance abuse. Programs for each subject area are listed by title and level (elementary, middle-junior high, and secondary). Information provided for each program or series include the curriculum need and a brief description. A Basic Skills Assessment Program Reference Table for ITV is also provided which lists the program/series titles by subject area and continuing objective and indicates the appropriate grade level. (MES)

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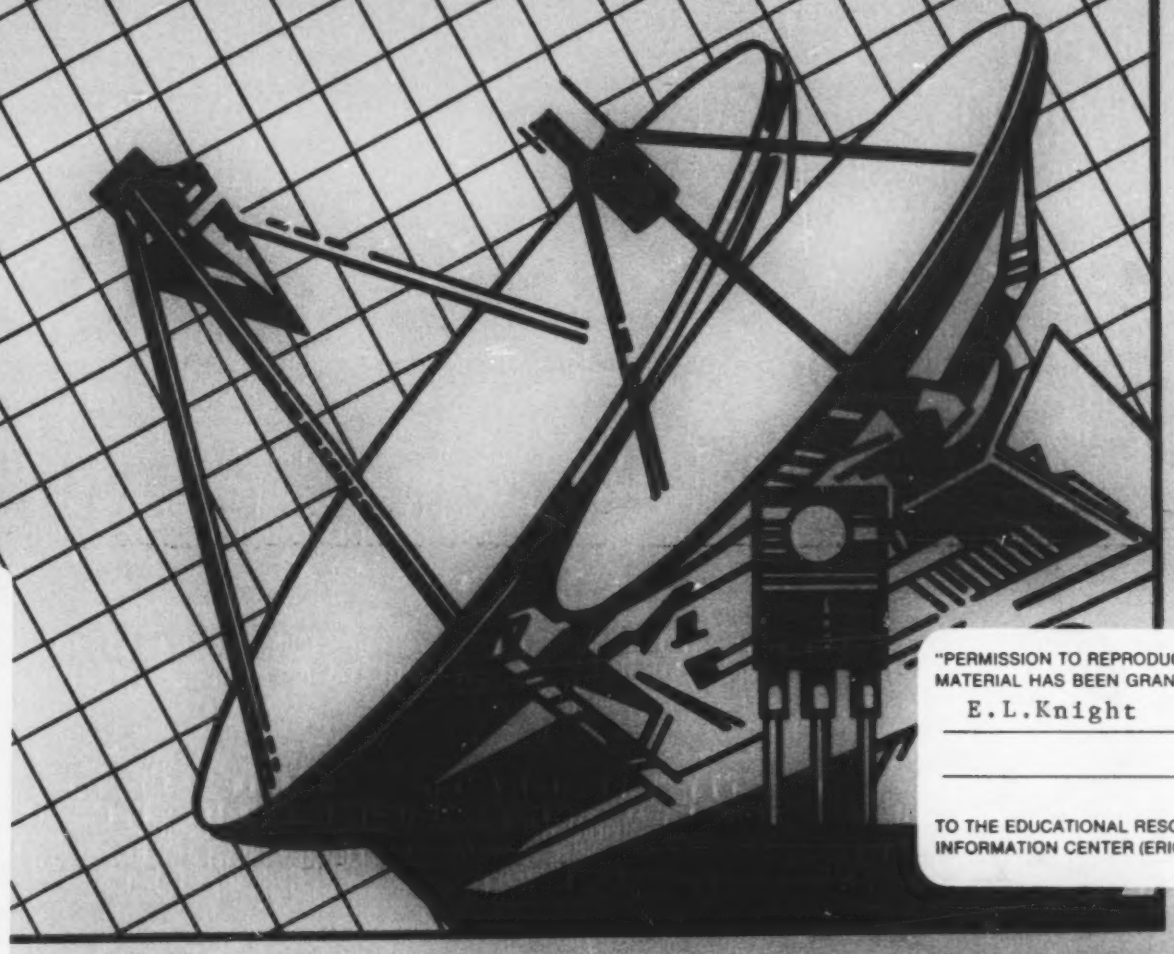
1987-1988

Curriculum Guide



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ITV Resources
in the Defined Minimum Program

1987-88

Curriculum Guide

A guide for use of Instructional Television Programs presented over the South Carolina Educational Television Network, in meeting curriculum needs in elementary, junior high and senior high levels of instruction.

Clyde H. Green
Director, Office of Instructional Technology

Sidney B. Cooper
Deputy Superintendent for Instruction

Dr. Charlie G. Williams
Superintendent, State Department of Education

Use of This Guide

ITV RESOURCES IN THE DEFINED MINIMUM PROGRAM CURRICULUM GUIDE is designed for use by superintendents, district directors of instruction, curriculum writers, principals and teachers in identifying ITV resources which will aid their schools in meeting specific instructional requirements of the Defined Minimum Program and continuing objectives of the Basic Skills Assessment Program (Act 631). It also aids in selection of those resources which will help classroom teachers meet curriculum needs identified by curriculum consultants of the Department of Education to be of significant concern in South Carolina schools.

Other suggested uses of the guide include:

a. Curriculum planning at all levels—classroom, school or district.
b. Development of schoolwide programs and approaches to meet curriculum needs.
c. Resource Room/Media Center planning.
d. Identification of resources for special groups such as the handicapped and the exceptional child.
e. Incorporation of ITV resources into curriculum guides.
f. Justification for expanding television reception.

The State Board of Education approved as instructional resources for 1987-88 one-hundred and ninety-five (195) instructional television series referenced in this guide. A description and telecast schedule for each of the series may be found in the South Carolina Instructional Television and Radio Resources Book for 1987-88.

PBS Video Catalog

More than 200 PBS video programs totaling in excess of 150 hours of resources also will available in 1987-88 to middle and high schools in those school districts participating in the lease agreements for these programs. Language arts, science, social studies and physical education are represented in the program offerings. Due to the diversity of the programs and because most are single titles and not series, they are not listed in this publication due to space restrictions. For a complete list of these programs and their individual descriptions, refer to the 1987-88 PBS Video Catalog. These programs will act as additional resources in addressing objectives of the Basic Skills Assessment Program, instructional requirements of the Defined Minimum Program, and the other curriculum needs listed in this publication.

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Reference Table for ITV Resources Applicable to Basic Skills Assessment Program (Act 631) Continuing Objectives

The Basic Skills Assessment Program (Section 1-a of Act 631 of 1978) has identified 11 continuing objectives in communications skills and five in mathematics. These objectives and applicable instructional television resources are identified in the following table. Resources having Basic Skills Assessment Program applications are also identified under comments for each subject area and grade level in the main body of this booklet.

Basic Skills Assessment Program Reference Table—ITV

Continuing Objective Reading	Elementary	Middle/Jr. High
Decoding and Word Meaning	The Letter People (1) Readalong 1 (1) Readalong 2 (2) The Wordsmith (5-8)	The Wordsmith (5-8)
Main Idea	Our Living Language (4-6)	Our Living Language (4-6)
Reference Usage	Thinkabout (5-6) Tomes & Talismans (6-8)	Thinkabout (5-6) Tomes & Talismans (6-8) In Other Words (7-8)
Inference	More Books from Cover to Cover (5-6) Thinkabout (5-6)	Tomes & Talismans (6-8) In Other Words (7-8)
Analysis of Literature	Reading Rainbow (2-5) Readit (3)	Thinkabout (5-6) The Short Story (7-12)
Writing		
Handwriting	Cursive Handwriting A & B (2-3)	
Mechanics	The Write Channel (3-4) Our Living Language (4-6)	Our Living Language (4-6)
Word Usage	Read All About It (4-6)	Read All About It (4-6)
Sentence Formation	The Write Channel (3-4) You Can Write Anything (3-6) Our Living Language (4-6)	Our Living Language (4-6) In Other Words (7-8)
Composition	The Write Channel (3-4) You Can Write Anything (3-6) Our Living Language (4-6) Zebra Wings (5-8)	Our Living Language (4-6) Zebra Wings (5-8) In Other Words (7-8)
Mathematics		
Concepts	Two Plus You (1) Math Patrol II (2) Math Patrol III (3-5) It Figures (4) MathMakers II (4-6) Math Matters (5-8)	MathMakers II (4-6) Math Matters (5-8)
Operations	Math Patrol II (2) Math Cycle (3) Math Patrol III (3-5) BSAP Math ITV (3, 6, 8)	
Measurement	MeasureMetric (4-6) The Metric System (5-8)	MeasureMetric (4-6) The Metric System (5-8)
Geometry	Math Patrol II (2)	Landscape of Geometry (8-10)
Problem-Solving	BSAP Math ITV (3) It Figures (4) Math Works (5) Thinkabout (5-6)	Thinkabout (5-6)
Science		
Concepts: Comprehension & application of basic life science concepts	Featherby's Fables (1-2) Dragons, Wagons & Wax (1-3) Up Close & Natural (1-4) All About You (2-3) Animals & Such (3-4) The Voyage of the Mimi (6-8) 3-2-1 Contact (4-6)	The Voyage of the Mimi (6-8)

Continuing Objective	Elementary	Middle/Jr. High
	National Geographic Specials (5-12) Naturescene (6-10) The Human Community (6-10) Life Science (7) Community of Living Things (7) WhatAbout (7-8)	National Geographic Specials (5-12) Naturescene (6-10) The Human Community (6-10) Life Science (7) Community of Living Things (7) WhatAbout (7-8) Natural Science Specials (8)
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Comprehension & application of basic physical science concepts	Featherby's Fables (1-2) Dragons, Wagons & Wax (1-3) The Voyage of the Mimi (6-8) 3-2-1 Contact (4-6) Start Here: Adventures in Science (4-7) Atoms & Molecules (5-6) About Science (5-9) The Human Community (6-10) WhatAbout (7-8)	The Voyage of the Mimi (6-8) Start Here: Adventures in Science (4-7) Atoms & Molecules (5-6) About Science (5-9) The Universe & I (6-9) The Human Community (6-10) WhatAbout (7-8)
Process Skills: Application of basic science process skills	Up Close & Natural (1-4) All About You (2-3) Animals & Such (3-4) The Voyage of the Mimi (6-8) 3-2-1 Contact (4-6) Start Here: Adventures in Science (4-7) Atoms & Molecules (5-6) Naturescene (6-10) The Human Community (6-10) Life Science (7) Community of Living Things (7) WhatAbout (7-8)	The Voyage of the Mimi (6-8) Start Here: Adventures in Science (4-7) Atoms & Molecules (5-6) About Science (5-9) The Universe & I (6-9) Naturescene (6-10) The Human Community (6-10) Life Science (7) Community of Living Things (7) WhatAbout (7-8) What on Earth? (8)
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Continuing Objective	Elementary	Middle/Jr. High
Comprehension & analysis of the effects of technology on self, society, & environment	All About You (2-3) The Voyage of the Mimi (6-8) 3-2-1 Contact (4-6) Start Here: Adventures in Science (4-7) Atoms & Molecules (5-6) National Geographic Specials (5-12) Naturescene (6-10) The Human Community (6-10) Life Science (7) WhatAbout (7-8) EXXON Energy Cube (7-12) What on Earth? (8)	The Voyage of the Mimi (6-8) Start Here: Adventures in Science (4-7) Atoms & Molecules (5-6) National Geographic Specials (5-12) Naturescene (6-10) The Human Community (6-10) Life Science (7) WhatAbout (7-8) EXXON Energy Cube (7-12) What on Earth? (8)
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Comprehension of how science knowledge is generated	Up Close & Natural (1-4) Animals & Such (3-4) The Voyage of the Mimi (6-8) 3-2-1 Contact (4-6) Atoms & Molecules (5-6) Naturescene (6-10) The Human Community (6-10) Life Science (7) Community of Living Things (7) WhatAbout (7-8)	The Voyage of the Mimi (6-8) Atoms & Molecules (5-6) About Science (5-9) The Universe & I (6-9) Naturescene (6-10) The Human Community (6-10) Life Science (7) Community of Living Things (7) WhatAbout (7-8) What on Earth? (8)
Comprehension of how the use & interpretation of science knowledge is affected by various factors	The Voyage of the Mimi (6-8) 3-2-1 Contact (4-6) Atoms & Molecules (5-6) National Geographic Specials (5-12) Naturescene (6-10) Life Science (7) Community of Living Things (7) WhatAbout (7-8)	The Voyage of the Mimi (6-8) Atoms & Molecules (5-6) National Geographic Specials (5-12) Naturescene (6-10) Life Science (7) Community of Living Things (7) WhatAbout (7-8)

Instructional Television Resources

Subject Area: Language Arts*

Level: Elementary

Defined Minimum Program: Grades 1-3, 550 minutes weekly; Grades 4-6, 500 minutes weekly.
*At least 50 percent of the instructional time in language arts for grades 5-6 must be devoted to the teaching of composition and grammar.

Basic Skills Assessment Program reading objectives adopted under this program: decoding and word meaning, details, main idea, reference usage, inference, analysis of literature.

Writing objectives are handwriting, mechanics, word usage, sentence formation and composition.

Curriculum Need	Series (Grade Level)	Comments
1. Supplement initial instruction in decoding skills.	LETTER PEOPLE (1)	LETTER PEOPLE provides an interesting and exciting introduction to decoding skills essential to competency in listening, spelling, writing and reading skills. Applicable to BSAP decoding objective.
2. Strengthen interrelated language arts skills in listening, speaking, reading and writing.	READALONG 1 (1)	READALONG 1 uses animation, puppets and music to make learning to read fun. Repetition of words, phrases and sentences are put into meaningful and humorous situations that make activities stimulating even to reluctant learners. Applicable to BSAP decoding objective.
	READALONG 2 (2)	READALONG 2 encourages vocabulary building, writing and listening skills, as well as speech and reading. Several indicators have shown that the constant repetition of words, the many approaches to word-attack skills, and the recurring reminders of varied uses of reading motivate children and directly assist in improving their communications skills. Applicable to BSAP decoding objective.
	INTERMEDIATE CREATIVE WRITING (4-6)	Programs correlate with national writing curricula and are designed to teach writing skills to intermediate level students. Based upon the premise that all writing is creative, programs focus on using the process approach to achieve a variety of creative writing products. Programs reinforce the relationship of writing to reading, listening and speaking. In addition, programs use examples of published writing to illustrate processes and products.
	READ ALL ABOUT IT (4-6)	This series promotes the importance of reading and writing. It emphasizes immediate on-screen reading skills and encourages classes to produce a newspaper like the series' own *Chronicle*.
	SPEAKEASY (6-12)	SPEAKEASY is designed to teach students public speaking and debating skills. The series borrows issues, information and concerns from all areas of the curriculum and life, becoming an enjoyable and informative motivator that gets kids talking effectively.
3. Improve use of synonyms and general vocabulary knowledge.	THE WORDSMITH (5-8)	The focus in this series is on student vocabulary development, incorporating terms from special vocabularies in such areas as science, math and social studies. Applicable also to BSAP word meaning objective.

4. Improve beginning composition skills.	PRIMARY WRITING (1-3)	Programs are designed to help teachers and students work together through the processes of prewriting, drafting, revising and editing. Programs begin with making oral statements and proceed through structuring complete sentences, choosing words, gathering information, mastering simple mechanical elements, and structuring paragraphs. Relates also to BSAP writing mechanics, word usage, sentence formation and composition objectives.
	THE WRITE CHANNEL (3-4)	Students are taught writing skills by a method wherein short, choppy sentences are combined and improved. In word animation sequences, students see a gloved hand moving words, combining words and making appropriate changes in capitalization and punctuation. Applicable to BSAP composition objective.
	YOU CAN WRITE ANYTHING! (3-6)	The skill of writing well is developed by practice, encouragement and motivation. YOU CAN WRITE ANYTHING! supports this writing process, incorporating the theory that children should be given frequent and varied opportunities to see themselves as authors. The series uses many strategies that teachers may easily incorporate within their own writing programs. Applicable to BSAP word usage, sentence formation and composition objectives.
	INTERMEDIATE CREATIVE WRITING (4-6)	Programs correlate with national writing curricula and are designed to teach writing skills to intermediate level students. Based upon the premise that all writing is creative, programs focus on using the process to achieve a variety of creative writing products. Programs reinforce the relationship of writing to reading, listening and speaking. In addition, programs use examples of published writing to illustrate processes and products. Relates also to BSAP composition objective.
5. Improve grammatical skills. Far too many students advance to high school without a mastery of grammatical skills.	OUR LIVING LANGUAGE (4-6)	This series assists students in mastering grammatical skills early and aids teachers in meeting DMP requirements for this subject. OUR LIVING LANGUAGE has been carefully planned to promote writing and speaking skills through the study of grammar, punctuation, sentence structure and story development. Applicable to BSAP writing mechanics objective.
6. Develop ability to write legibly.	CURSIVE HANDWRITING A and B (2-3)	Series assists in making the transition from manuscript to cursive writing an easy and enjoyable experience. The series is available for both the Zaner-Bloser and the Palmer method of handwriting. It thereby assists students in printing legible words or sentences following the model in each district's adopted handwriting program. Applicable to BSAP handwriting objective.
7. Strengthen students' thinking/reasoning abilities.	THINKABOUT (5-6)	This series blends skills from various subject areas and presents them within a framework based on the reasoning process. Situations common to the lives of fifth and sixth graders are the context for learning. Applicable to BSAP inference objective.
8. Provide opportunity to apply reading skills taught and to develop literary appreciation.	READING RAINBOW (2-5)	READING RAINBOW involves and motivates children to read good literature for themselves. Program selections are from the best available books for children. Applicable to BSAP analysis of literature objective.
	ABOUT BOOKS: PRIMARY (1) ABOUT BOOKS: INTERMEDIATE (4-6)	ABOUT BOOKS: PRIMARY AND INTERMEDIATE are designed to involve children in independent reading. Only parts of stories are told, thus stimulating the child's interest to read the book himself.
	BOOKBIRD (4)	BOOKBIRD motivates children to read a selection of 16 books through narration and lively art work.

	READIT (3)	READIT serves as a kind of "electronic librarian" guiding third graders to a wide variety of appealing fiction and non-fiction books.
	THE BEST OF COVER TO COVER I (4-5) THE BEST OF COVER TO COVER II (5-6)	The primary objective of these twin series is to motivate children to read good literature for a leisure activity. Many librarians coordinate their book orders with selections featured on the programs.
	MORE BOOKS FROM COVER TO COVER (5-6)	Children are provided the opportunity to develop literary appreciation in this new reading motivation series hosted by John Robbins. Students see and hear the stories up to a critical point and then are left to find the books and read them for the endings. Applicable to BSAP reading inference objective.
	STORY BOUND (5-6)	STORY BOUND is a blend of 20th-century classics including six Newbery Award winners and the best of current fiction for sixth graders.
9. Develop cultural appreciation.	GATHER ROUND (1-3)	This series presents a variety of colorfully-illustrated fairy tales, legends and folklore from around the world to give primary level students a background in these areas of literature.
10. Develop library research and reference skills.	TOMES AND TALISMANS (6-8)	Traditional library and reference skills are taught through creative television programs requiring students to use materials in the library to solve problems and achieve solutions to mysteries. Applicable to BSAP reference usage objective.

Level: Middle-Junior High

Defined Minimum Program: Grades 7-8, 250 minutes weekly.

A. At least 50 percent of instructional time in language arts for grades 7-8 must be devoted to the teaching of composition and grammar.

B. Special instruction in reading should be provided for at least 250 minutes weekly for students reading two or more grade levels below their grade placement. This may be offered either separate from or as part of the regular language arts program.

Basic Skills Assessment Program: Reading objectives adopted under this program are decoding and word meaning, details, main idea, reference usage, inference and analysis of literature. Writing objectives are handwriting, mechanics, word usage, sentence formation, composition.

Curriculum Need	Series (Grade Level)	Comments
1. Improve the interrelated skills of listening, speaking, reading and writing.	ZEBRA WINGS (5-8)	ZEBRA WINGS helps teachers meet DMP language arts requirement of devoting 50 percent of this instruction to teaching composition and grammar. It provides high motivation for students to produce creative writing. Applicable to BSAP composition objective.
	SPEAKEASY (6-12)	SPEAKEASY is designed to teach students public speaking and debating skills. Series borrows issues, information, and concerns from all areas of the curriculum and life, becoming an enjoyable and informative motivator that gets students talking effectively.
	IN OTHER WORDS (7-8)	This series stresses the communication skills of attentive listening, interviewing, presenting and composing.
2. Strengthen vocabulary development.	WORDSMITH (5-8)	WORDSMITH provides a consistent, well-organized and interesting basic resource for vocabulary development. WORDSMITH is a television series to be used if you want students to become hooked on words. Applicable to BSAP word meaning objective.

3. Provide opportunity to apply reading skills taught and to develop literary appreciation.	MATTER OF FICTION (7-8)	Just enough of a book's plot is dramatized by each MATTER OF FICTION lesson to spark student interest in checking books out from the library. It presents books for the purpose of enjoyment and to encourage leisure reading important to real mastery of reading skills.
	STORY BOUND (5-6)	STORY BOUND is a blend of 20th-century classics including six Newbery Award winners and the best of current fiction for sixth graders.
4. Develop library research and reference skills.	TOMES AND TALISMANS (6-8)	Traditional library and reference skills are taught through creative television programs requiring students to use materials in the library to solve problems and achieve solutions to mysteries. Applicable to BSAP reference usage objective.

Level: Secondary

Defined Minimum Program: Course opportunities with a minimum of six units including courses in remedial reading, and English I, II, III and IV will be offered. At least 50 percent of instructional time in courses used for graduation requirements must be devoted to the teaching of composition and grammar. Typical learning experiences to be provided include communication skills, in-depth study of literature, creative writing, literature enjoyment and appreciation, oral and written self-expression, instruction guaranteeing reading and writing skills. Remedial English, with emphasis on reading and functional English, developmental reading, or remedial reading, may be taught and credits earned applied to the requirement of earning four units in Language Arts.

Basic Skills Assessment Program: Reading objectives adopted under this program include decoding and word meaning, details, main idea, reference usage, inference and analysis of literature.

Writing objectives are handwriting, mechanics, word usage, sentence formation and composition.

Curriculum Need	Series (Grade Level)	Comments
1. Improve composition skills.	IN OTHER WORDS (7-8)	This series promotes communication skills through emphasizing getting ready, organizing ideas, giving meaning to messages and evaluating. Applicable to BSAP composition objective.
	WRITING FOR A REASON (12)	This composition course concentrates on basic writing skills such as choosing and shaping a thesis, planning a composition, composing effective sentences, paragraphs and essays. The resource is highly supportive of DMP guidelines to provide instruction guaranteeing writing skills. Applicable to BSAP composition objective. Recommended for advanced high school seniors only.
2. Improve speaking skills.	SPEAKEASY (6-12)	SPEAKEASY is designed to teach students the fundamentals and finer points of speech and debate. It introduces students to the basic skills of successful communication and offers witty ways to promote speech and debate in the classroom.
3. Stengthen grammatical skills. Far too many students advance to high school without a mastery of grammatical skills.	GED GRAMMAR (9-12)	This series, developed by Kentuckly Educational TV, presents grammar content useful to adults who take the GED Exam. This series is very usable for teaching grammar to high school students.
4. Provide opportunity to apply reading skills taught and to develop literary appreciation.	A MATTER OF FACT (7-10)	The commentary and film sequences of this widely acclaimed series are designed to stimulate the student to seek out and read the books featured on the programs. Many librarians coordinate their book orders with the selections.
5. Strengthen non-testable abilities such as the appreciation of literature and the motivation to read. Provide opportunity to apply reading skills.	WORDSMITH (5-8)	WORDSMITH is being well used at the high school level because of its value as a well-organized and interesting basic resource in vocabulary development. Applicable to BSAP word meaning objective.

THE SHORT STORY (7-12)	THE SHORT STORY stimulates an interest in reading the works of selected 19th-century American short story writers and compares their works with the best writers of other countries. Applicable to the BSAP analysis of literature objectives.
WATCH YOUR LANGUAGE (9-12)	Series presents new vocabulary in its natural context and settings while focusing on areas of interest to secondary students. It assists in meeting the curriculum need by illustrating word analysis strategies. Applicable to BSAP decoding and word meaning objective.
SHORT STORY SHOWCASE (11-12)	SHORT STORY SHOWCASE brilliantly dramatizes literary masterpieces by famous writers and helps students appreciate good literature. The teacher's guide outlines discussions for development of critical reading skills. The series assumes some maturity on the part of the student. Applicable to BSAP analysis of literature objective.
HUMANITIES (9-12)	HUMANITIES seeks to convey the total effect of English, literature, art, philosophy and politics through the development of our culture. Applicable also to BSAP analysis of literature objective.
THE SHORT STORY (7-12)	THE SHORT STORY stimulates an interest in reading the works of selected 19th-century American short story writers and compares their works with the best writers of other countries. Applicable to the BSAP analysis of literature objective.
AMERICAN LITERATURE (9-12)	This series acquaints the student with selected authors and writings, communicates literary tone or artistic excellence, and generates interest in American literature. Applicable to BSAP analysis of literature objective.
THE NOVEL (9-12)	Overall goals of the series are twofold: (1) To stimulate student interest in and reading of representative novels; (2) To enable students to recognize various literary elements, devices and techniques employed by masters of the genre. Each program in THE NOVEL emphasizes a particular literary concept so that students can learn to interpret and understand the novel through the significant elements that give it form and meaning. Concepts explored in the series include characterization—development, allegory, setting; plot—conflict, satire, symbolism; and character development—conflict.

Subject Area: Foreign Language

Level: Middle-Junior High

Curriculum Need	Series (Grade Level)	Comments
1. Diversify content of basic texts providing stimulus for early interest in language study.	ENSEMBLE (9-12)	The series is designed for beginners or those who wish to brush up on their French. The series utilizes various aspects of contemporary French culture to dramatize and energize the study of the language. To reflect the reality of everyday communication, the language itself is presented on two levels: a limited syllabus of grammar and vocabulary designed to give students a basis for *speaking* the language simply and in a variety of situations, and a wider, less structured range of language, which should be *recognized* and *understood*. A resource guide to accompany ENSEMBLE is available by writing: Lesson Guides, Office of Instructional Technology, P.O. Drawer L, Columbia, S.C. 29250.

	ZARABANDA (9-12)	ZARABANDA assists beginning level Spanish students in learning the language through a mystery/romance. Each segment is composed of two scenes and each scene is followed by a brief instructional capsule based on new grammatical elements introduced.

Level: Secondary

Defined Minimum Program: All accredited high schools will include at least two years of a foreign language in their programs. A school not meeting this requirement must be able to justify this omission. Schools with fewer than 300 students may alternate first and second year courses when not practical to offer two levels concurrently.

Curriculum Need	Series (Grade Level)	Comments
1. Diversify content of basic texts, providing stimulus for early interest in language study.	ENSEMBLE (9-12)	The series is designed for beginners or those who wish to brush up on their French. The series utilizes various aspects of contemporary French culture to dramatize and energize the study of the language.
	ZARABANDA (9-12)	ZARABANDA assists beginning level Spanish students learning the language through a mystery/romance. Each segment is composed of two scenes and each scene is followed by a brief instructional capsule based on new grammatical elements introduced.
	GUTEN TAG (10-12) GUTEN TAG WIE GEHT'S (10-12)	These two series provide a resource for diversifying the basic texts. Culturally, these programs with authentic scenes and language can provide a springboard for discussion of values, attitudes and customs they depict.
2. Provide intermediate level supplemental resources to diversify basic texts.	ZARABANDA (9-12)	A workbook containing basic grammatical explanations and exercises, a teacher's guide, and student textbook are available from EMC Publishing, 300 York Avenue, Saint Paul, Minnesota 55101.
	ENSEMBLE (9-12)	To reflect the reality of everyday communication, the language itself is presented on two levels: a limited syllabus of grammar and vocabulary designed to give students a basis for speaking the language simply in a variety of situations, and a wider, less structured range of language, which should be recognized and available by writing: Lesson Guides, Office of Instructional Technology, P.O. Drawer L, Columbia, S.C. 29250.
	GUTEN TAG (10-12) GUTEN TAG WIE GEHT'S (10-12)	GUTEN TAG can be used as a major curriculum component for first year classes, or as a resource for second year students who will then work independently on the supplemental activities. Where two levels of students are combined, advanced students can organize supplemental activities for intermediate students. Note: GUTEN TAG WIE GEHT'S has no activity supplement but does have a commercial handbook of exercises available on request—one copy per instructor please. Write: GUTEN TAG WIE GEHT'S, Office of Instructional Technology, 206 Rutledge Building, Columbia, S.C. 29201.
3. Provide intermediate level supplemental resources for schools with combined level programs.	GUTEN TAG (10-12) GUTEN TAG WIE GEHT'S (10-12)	GUTEN TAG can be used as a major curriculum component for first year classes, or as a resource for second year students who will then work independently on the supplemental activities. Where two levels of students are combined, advanced students can organize supplemental activities for intermediate students. Note: GUTEN TAG WIE GEHT'S has no activity supplement but does have a commercial handbook of exercises available on request—one copy per instructor please. Write: GUTEN TAG WIE GEHT'S, Office of Instructional Technology, 206 Rutledge Building, Columbia, S.C. 29201.

Subject Area: Mathematics

Level: Elementary

Defined Minimum Program: Grades 1-3, 225 minutes weekly; Grades 4-6, 250 minutes weekly.

Basic Skills Assessment Program: Mathematics objectives adopted include concepts, operations, measurement, geometry, and problem solving.

Curriculum Need	Series (Grade Level)	Comments
1. Motivational math instruction methods and techniques should provide for active involvement of students in the learning process. After concepts and skills are learned, methods should include drill that is couched in games and novel approaches where possible.	TWO PLUS YOU (MATH PATROL I) (1)	TWO PLUS YOU is designed for use in the initial stage of mathematical understanding. As a television resource, it is particularly useful in bridging the gap between concrete and abstract. Applicable to BSAP mathematical concepts objective.
	MATH PATROL II (2)	Based on new research, the programs present ideas in a highly visual manner to help develop comprehension of basic math skills, to reinforce existing knowledge and to stimulate interest in mathematics. Applicable to BSAP mathematical concepts objective.
	MATH PATROL III (3-5)	Research shows that MATH PATROL II and MATH PATROL III are very effective tools for teaching math to children in the primary grades. They give teachers the opportunity to add extra excitement to the math curriculum and allow them to tap the overwhelming attractiveness of the television medium to teach an extremely important subject.
2. Improvement in basic math skills.	MATH CYCLE (3)	MATH CYCLE focuses on critical concepts necessary for the development of mathematical skills. Skills included in the programs are those which must be clearly understood by each learner who is to experience future mathematical success.
	BSAP MATH ITV (3)	This resource focuses on the five most difficult subskills at grade-level 3. The subskills addressed are: 1) establishing relationships, 2) division, 3) operations and conversions, 4) subtraction, and 5) problem-solving. The subskills report on the Basic Skills Assessment Program. Applicable to BSAP mathematical operations and problem-solving objectives.
	IT FIGURES (4)	IT FIGURES assists fourth graders in the development of mathematical skills, understanding mathematical ideas, and in communicating about mathematics. Applicable to BSAP mathematical concepts and problem-solving objectives.
	MATH PATROL III (3-5)	Programs in this series provide instruction on the division and subtraction subskills of the mathematic operations of basic skills.
	MATH MAKERS II (4-6)	MATH MAKERS II is based on a story magazine format and each lesson focuses on a particular math concept. Applicable to BSAP mathematical concepts objective.
	BSAP MATH ITV (6)	This resource focuses on the five most difficult subskills at grade-level 6. The subskills addressed are: 1) conversions and operations, 2) applications, 3) place value, 4) division, and 5) establishing relationships. The subskills were derived from the Ryan Report on the Basic Skills Assessment Program. Applicable to BSAP mathematical operations objectives.
	BSAP MATH ITV (8)	This resource focuses on the five most difficult subskills at grade-level 8. The subskills addressed are: 1) identifying equivalencies, 2) establishing relationships, 3) applications, 4) conversions and operations, and 5) division. The subskills were identified from the Ryan Report on the Basic Skills Assessment Program. Applicable to BSAP mathematical operations objectives.

3. Improvement in measurement skills.	MEASUREMETRIC (4-6)	MEASUREMETRIC is a television series in the area of metric education. Program design is process oriented with measurement concepts developed in a sequential format. Applicable to BSAP mathematical measurement objective.
	IT FIGURES (4)	IT FIGURES involves students in applying mathematical problem-solving strategies to real life problems. Applicable to BSAP problem-solving objectives.
	VOYAGE OF THE MIMI (3-7)	Series is a continuing dramatic story dealing with the adventures of a group of young people doing whale research in the Northwest Atlantic. Segments deal with scientific and mathematic concepts encountered in the drama.
4. Improvement in reasoning skills.	THINKABOUT (5-6)	THINKABOUT is designed to help develop and strengthen student reasoning and study skills and to improve and extend their mathematics and communication skills. Programs and printed material motivate viewers to participate actively in the learning process so that skills will be acquired by students, not imposed on them. Applicable to BSAP mathematical problem-solving objective.
	MATH WORKS (5)	This series strengthens problem-solving skills. Applicable to BSAP problem-solving objectives.
Supplemental/Enrichment Resources		
	PASS IT ALONG (4-5)	Each program in the series features an artist who expresses himself in a different artistic medium but each artist is concerned with and inspired by the natural beauty of our environment. Topics covered are photography, dance, performance, painting, architecture, writing and music. The series blends scientific, artistic and environmental concepts.

Level: Middle-Junior High

Defined Minimum Program: Grades 7-8, 250 minutes weekly. Basic Skills Assessment Program: Mathematics objectives adopted under the Basic Skills Assessment Program include: concepts, operations, measurements, geometry, and problem solving.

Curriculum Need	Series (Grade Level)	Comments
1. Improvement of geometry skills.	LANDSCAPE OF GEOMETRY (8-10)	This series shows students how geometry is used to solve problems in the world around them. Examples and problems produce a sense of relevancy for geometry. Applicable to BSAP geometry and problem-solving objectives.
2. Motivational math instruction methods and techniques should provide for active involvement of students in the learning process and drill (after concept and skills are learned) that is couched in games and novel approaches where possible.	MATH MATTERS (5-8)	This series contains lessons on basic math concepts designed to deal with lack of interest in math and gaps in knowledge that sometimes accompany students into junior high school. Program follow-up activities suggest involving manipulative materials, measurements, games and creation of designs. Applicable to BSAP mathematical concepts objective.
3. Improvement in basic math skills.	MATH MATTERS (5-8)	MATH MATTERS deals with fundamental mathematical concepts. Programs are designed to revitalize interest in math and to develop and/or reinforce basic understandings and skills for those students entering junior high school who have been turned off by the subject.
4. Improvement in measurement skills.	MEASUREMETRIC (4-6)	MEASUREMETRIC provides a welcomed resource for teaching metric concepts missed along the way. The series presents metric information sequentially in three major areas: readiness, awareness and conceptual development. Applicable also to BSAP mathematical measurement objective.

	VOYAGE OF THE MIMI (3-7)	Series is a continuing dramatic story dealing with the adventures of a group of young people doing whale research in the Northwest Atlantic. Segments deal with scientific and mathematic concepts encountered in the drama.
	THE METRIC SYSTEM (5-8)	THE METRIC SYSTEM emphasizes metric units of length, volume and weight, and helps the viewer accept with ease the use of the metric system of measurement. Applicable to BSAP mathematical measurement objective.

Level: Secondary

Defined Minimum Program: A. Three courses of math leading to a post high school study consisting of algebra I, geometry and algebra II. B. Two courses of general math; remedial instruction if ten percent or more of general math students demonstrate performance levels on basic skills which are three years or more below grade placement. Mathematics objectives adopted under The Basic Skills Assessment Program: concepts, operations, measurement, geometry, problem solving.

Curriculum Need	Series (Grade Level)	Comments
1. Improvement of geometry skills.	LANDSCAPE OF GEOMETRY (8-10)	This series shows students how geometry is used to solve problems in the world around them. Examples and problems produce a sense of relevency for geometry. Applicable to BSAP geometry and problem-solving objective.
2. Improve basic math skills.	A READING APPROACH TO MATH (9-12)	The series assists in teaching basic math skills to students who have consistently found mastering elementary math skills extremely difficult. Assists students of all ability levels to interpret and solve written mathematical problems. Applicable to BSAP mathematical problem-solving objective.
	GED MATH SKILLS (9-12)	This series, developed by Kentucky Educational TV, presents math content useful to adults who take the GED Exam. This series is very usable for teaching math to high school students. Applicable to the BSAP Mathematics continuing objectives in concepts and operations.

Subject Area: Natural Science

Level: Elementary

Defined Minimum Program: Grades 1-3, 125 minutes weekly; Grades 4-6, 175 minutes weekly. Environmental education is required as an integral part of science, social studies and health.

Curriculum Need	Series (Grade Level)	Comments
1. Promote awareness and appreciation of natural science.	UP CLOSE AND NATURAL (1-4)	Students are given an opportunity to sharpen their observation skills and interest in nature.
2. Improve quality and amount of classroom science experiences. Lack of background in science skills and concepts makes many elementary teachers uncomfortable in this subject area. Science experiences, are kept to a minimum.	DRAGONS, WAGONS, & WAX (1-3)	This series draws experiences from all areas to help students become aware of the total environment, their place in it, and the interrelationships of all living things. Stories, songs, and real-life experiences help to make scientific knowledge more easily understood, remembered and used.
	ANIMALS & SUCH (3-4)	ANIMALS & SUCH is a high-interest, non-sequential series which can enrich science instruction. It emphasizes ecological concerns and deals with living specimens in their own environment.

	ATOMS AND MOLECULES (4-6)	This series on physical science uses computer-generated graphics, animation, demonstrations and models to explain how atoms form molecules, the building blocks of matter. Emphasis is upon how physical and chemical changes come about to create new substances.
3. Provide more indoor and outdoor laboratory experiences. Science at this level is usually only a "read-about-science"—heavily textbook oriented.	START HERE (4-7)	START HERE shows students how to undertake classic experiments of physics that lead to an understanding of basic physical phenomena, and place scientific discoveries in their historical context. The experiments make use of equipment and substances found in every home or school.
4. Recognize the interdisciplinary nature of science. Many science skills and concepts are related to those of other subject areas such as health.	ALL ABOUT YOU (2-3)	ALL ABOUT YOU is a series that integrates science and health instruction. The series presents a picture of what a human being is and promotes an understanding of how people grow and develop physically and mentally.
5. Increase interest in the study of science.	FEATHERBY'S FABLES (1-2)	The overall objective of FEATHERBY'S FABLES is to create an environment in the classroom in which the exploration of basic science concepts is exciting and attractive to both the primary level student and teacher. The programs are designed as a motivational tool to stimulate student interest.
	VOYAGE OF THE MIMI (3-7)	Reflecting the national concern about science and mathematics education, the goal of VOYAGE OF THE MIMI is to increase children's understanding of science, mathematics and technology, and to convey that science is an exciting and rewarding human enterprise. In the process of joining a crew on the ketch MIMI in search of whales, they will: —observe the interrelationships of physical and life sciences. —expand their practical knowledge of mathematics and measurement. —see first-hand how modern technology assists in science and math problem solving.
	LIFE SCIENCE (7)	Programs provided on scientists at work allowing students to observe tools and procedures used in making scientific advances.
	3-2-1 CONTACT (4-6)	3-2-1 CONTACT is an effort to use television to arouse the innate curiosity of children in the natural and technological world and to gently draw them into science and technology.
6. Provide instruction on natural and social aspects of man's interrelationship with his environment.	S.C. NATURESCENE (6-10)	NATURESCENE is a series that explores South Carolina. Programs are taped on location and include history as well as natural history. The series is recommended particularly for environmental studies.
	COMMUNITY OF LIVING THINGS (7)	Programs of this newly revised series stress four major themes: change, diversity, interrelationships and energy.
	NATIONAL GEOGRAPHIC SPECIALS (5-12)	NATIONAL GEOGRAPHIC SPECIALS are a group of TV programs developed by the National Geographic Society that presents science, geography and history subject matter for students, grades 5-12.

Level: Middle-Junior High

Defined Minimum Program: Grades 7-8, 200 minutes weekly

Curriculum Need	Series (Grade Level)	Comments
1. Provide resources and learning experiences not otherwise available. Science instruction in many middle-junior highs is still presented as a traditional textbook-based program.	LIFE SCIENCE (7)	This series provides lessons not ordinarily duplicated in the school setting, such as time-lapse photography and microphotography.
	COMMUNITY OF LIVING THINGS (7)	Programs of this newly-revised series stress four major themes: change, diversity, interrelationships, and energy.
2. Provide enrichment/supplemental experiences correlated to the content of the most commonly used textbooks.	WHAT ABOUT (7-8)	Series blends skills, concepts, attitudes and scientific understandings into a framework that emphasizes the process and concept of change.
	NATIONAL GEOGRAPHIC SPECIALS (5-12)	NATIONAL GEOGRAPHIC SPECIALS are a group of TV programs developed by the National Geographic Society that presents science, geography and history subject matter for students, grades 5-12.
3. Enrich classroom instruction by providing experiences relating to the long ago and the far away.	NATURAL SCIENCE SPECIALS (8)	This series provides non-sequential lessons on life science and earth science designed to inform students about biological and geological occurrences. Several lessons take students back into geological time to give an historical perspective to life science.
4. Provide more laboratory and field experiences.	START HERE (4-7)	START HERE shows students how to undertake classic experiments of physics that lead to an understanding of basic physical phenomena, and place scientific discoveries in their historical context. The experiments make use of equipment and substances found in every home or school.
	ABOUT SCIENCE (7-12)	This is a series of 40 short, simple concept units for students in intermediate, junior and senior high school. The setting is the top of the laboratory table. Units range from four to eight minutes in length and consist of a scientific experiment or demonstration of a scientific principle or concept.
5. Make science instruction relevant to students' interests and needs.	WHAT ON EARTH? (8)	WHAT ON EARTH? compliments the teacher's classroom instruction by concentrating on experiences that help students develop more abstract concepts.
	THE UNIVERSE AND I (8)	THE UNIVERSE AND I helps teachers by taking students beyond classroom walls and giving them exposure to the real drama of the natural world. The series includes a wide variety of ideas for student activities to round out the telecasts. Film footage from NASA's library and well-known space actors are used to develop high interest programs about broad earth science concepts.
6. Promote nutritional knowledge and development of healthful food selection habits.	SOUP TO NUTS (7-8)	This nutrition education series is designed to change poor food selection habits through the exploration of values and attitudes and the acquisition of proper knowledge and skills.
Supplemental/Enrichment Resources		
	S.C. NATURESCENE (6-10)	NATURESCENE is a series that explores South Carolina. Programs are taped on location and include history as well as natural history. The series is recommended particularly for environmental studies.

	THE HUMAN COMMUNITY (6-10)	The series focuses on the growing importance of environmental issues in science. The programs focus on contemporary environmental problems and explore the effects of technology upon ecological concerns, illustrating conflicts between economic needs and environmental issues.
	EXXON ENERGY CUBE (7-12)	The programs in this series may be selectively used in high school courses where energy is studied. Topics include: Energy and Physics, Energy and Earth Science, Energy and Biology, Energy and Chemistry, Energy and Society, and Energy and Science. The two introductory programs help to teac about petroleum and other fuels and "supplemental" energy sources.

Level: Secondary

Defined Minimum Program: Grades 9-12, general science/physical science, biology, chemistry and physics are among the course offerings which will be included every year. Schools (grades 9-12) with enrollments of 300 or less may alternate chemistry and physics. At least 20 percent of instructional time in all science subjects shall be devoted to student-centered laboratory experiences. All accredited high schools will include environmental studies as a part of the instructional program.

Curriculum Need	Series (Grade Level)	Comments
1. Enrich classroom instruction as well as suggest a variety of laboratory experiences.	BIOLOGY & ECOLOGY (10)	BIOLOGY provides non-sequential material that can be utilized by the teacher as either basic or enrichment material. Appropriate follow-up activities are outlined in the accompanying teacher's guide.
	ABOUT SCIENCE (7-12)	The setting for ABOUT SCIENCE is the top of the laboratory table. Short, single concepts on scientific experiments or demonstrations of scientific principles are presented.
	PHYSICAL SCIENCE (9)	Included in the lessons are demonstrations of several basic student activities such as density, distillation and levels.
	SEARCH FOR SOLUTIONS (9-12)	Programs demonstrate or describe how scientific principles apply to solve practical scientific problems.
	INTRODUCING BIOLOGY (10-12)	Series focuses on the viewer by developing an appreciation of the intricate human body. The living world of animals and plants around the viewer is related to human existence, to help the student realize the unity of all life forms.
	CHEMICAL EQUILIBRIUM (11-12)	This series of six 10-minute programs is designed to instruct students in the concepts of synamic equilibrium and to stimulate further research in the subject. Using computer animation, the series examines steady state systems, dynamic vs. static equilibrium, and the meaning of the equilibrium constant.
	ELECTRON ARRANGEMENT AND BONDING (11-12)	This series of six 10-minute programs is designed to demonstrate how knowledge of the structure of the atom can be used to explain how atoms bond with each other and to stimulate further research in the subject. It examines the theories of Rutherford, Bohr, Planck and others.
2. Provide reinforcement of textbook content to improve mastery of basic concepts.	PHYSICAL SCIENCE (9)	This series is useful as a supplemental resource to many physical science textbooks. Lessons are scheduled to allow time for teacher presentation of concepts not included in series.
	DIMENSIONS IN SCIENCE: CHEMISTRY (10-12)	This series was created specifically to aid teachers and students in connecting classroom theory with the chemistry of everyday life and industry. It amplifies classroom experiments by showing how our economy functions on the same principles. With it, students are helped to see beyond cloudy chemical mixes to the wider world outside.
	DIMENSIONS IN SCIENCE II: PHYSICS (10-12)	Series focuses on a fundamental curriculum. It is designed to generate a sense of excitement in scientific discovery by showing how scientists themselves view their work.

HOMEOSTASIS (10-12)	HOMEOSTASIS explores the internal systems of balance and regulation in animals. With the help of computer animation, sequences illustrate how the body deals with changing conditions such as high and low temperatures, and how the shortage (or excess) of fluids is adjusted and regulated.
WAVE PARTICLE DUALITY (10-12)	This series traces the development of the various theories advanced to explain the behavior of light from the concepts of the ancient Greeks to the proven models of today.
ENERGY FLOW (10-12)	ENERGY FLOW encompasses one of the principle themes of any biology course: the flow of energy throughout the world of living things. Central to this concept is the process of photosynthesis, without which life could not exist. This series also deals with the flow of energy in organisms within a cell, and the role of the energy flow in our agricultural system. The series concludes with a look at energy flow in the biosphere.
ELECTRICITY (11-12)	ELECTRICITY explains the fundamentals of electricity, helping students formulate mental images of abstract concepts.
ELECTROCHEMISTRY (11-12)	ELECTROCHEMISTRY explains the basic principals involved in the common, everyday battery and the commercial LeClanche cell. The terminology and processes of electrochemical relations, corrosion and electrolysis are also presented.
NUCLEAR PHYSICS (11-12)	NUCLEAR PHYSICS shows step-by-step how an interest in cathode rays led scientists to discover X-rays, then alpha, beta and gamma radiation, and finally to explore the conversion of matter into energy. Vivid computer animation and narration help clarify such concepts as nuclear fission and fusion.
STRUCTURE OF THE ATOM (11-12)	This series of six-10 minute programs is designed to instruct students in the development of the model of the atom from the ancient Greeks to the present day and to encourage further research in the subject. The evolution of the modern model of the atom is traced by examining Dalton's atomic model, Thomson's "raisin-bun" model, Rutherford's nuclear model, Bohr's quantum model, and finally the wave-mechanical model of Heisenberg and Schrodinger.
PROTEIN SYNTHESIS (11-12)	This series of six 10-minute programs examines what proteins are, how protein molecules are built, and the formation and functions of DNA and RNA molecules.

Supplemental/Enrichment Resource

NATIONAL GEOGRAPHIC SPECIALS (5-12)	NATIONAL GEOGRAPHIC SPECIALS are a group of TV programs developed by the National Geographic Society that presents science, geography and history subject matter for students, grades 5-12.
S.C. NATURESCENE (6-10)	NATURESCENE is a series that explores South Carolina. Programs are taped on location and include history as well as natural history. The series is recommended particularly for environmental studies.
THE HUMAN COMMUNITY (6-10)	The series focuses on the growing importance of environmental issues in science. The programs focus on contemporary environmental problems and explore the effects of technology upon ecological concerns, illustrating conflicts between economic needs and environmental issues.
EXXON ENERGY CUBE (7-12)	The programs in this series may be selectively used in high school courses where energy is studied. Topics include: Energy and Physics, Energy and Earth Science, Energy and Biology, Energy and Chemistry, Energy and Society, and Energy and Science. The two introductory programs help to teach about petroleum and other fuels and "supplemental" energy sources. Applicable to BSAP science and technology objective: comprehension and analyzation of the effects of technology on self, society and environment.
ENVIRONMENTAL STUDIES (9-12)	ENVIRONMENTAL STUDIES is a series of films and videotapes for an interdisciplinary program addressing the use and management of natural resources in South Carolina. Programs stand alone or may be used in any order as units in the Environmental Studies course.

	ORGANIC EVOLUTION (11-12)	ORGANIC EVOLUTION traces the development of various theories of evolution. It begins with the Biblical account of creation, then goes on to discuss Darwin, Mendel and the Harty-Weinberg law, and more. Like the study of evolution itself, the series is syncretic: it ties together the microscopic and macroscopic, genetics and heredity, cell reproduction and breeding populations.

Subject Area: Social Studies

Level: Elementary

Defined Minimum Program: Grades 1-3, 125 minutes weekly; Grades 4-6, 175 minutes weekly. Environmental education is required as an integral part of science, social studies and health.

Curriculum Need	Series (Grade Level)	Comments
1. Develop skills needed to understand and to effectively participate in the everyday world.	IT'S A RAINBOW WORLD (K-1)	IT'S A RAINBOW WORLD presents beginning social studies concepts for kindergarten and first grade students. The programs, which are based on family life, show everyday situations that five-, six- and seven-year-olds experience. As children learn about themselves, their families and the world around them, they develop the skills necessary to understand and to participate effectively in their world.
	GROWING UP/GROWING OLDER (3-6)	GROWING UP/GROWING OLDER is one experience we all share. Welcoming students into this thought-provoking program should encourage them to develop positive attitudes about aging and older people in general.
2. Provide opportunities to: -gain knowledge of our history, -profit from our experiences, -build on our heritage, -apply fundamental social studies concepts to our daily lives.	UNDER THE BLUE UMBRELLA (1)	From this series the first grade student will gain fundamental social studies concepts from the areas of geography, history economics and political science. This foundation will assist the student in beginning the acculturation process.
	UNDER THE YELLOW BALLOON (2-3)	Series presents basic social studies concepts in a developmental manner using an expanding environmental approach. The child, his family, home, community, the state, the country and the world will all be interrelated to present concepts from each of the social studies disciplines.
	SANDLAPPER'S CORNER (3)	SANDLAPPER'S CORNER will provide students with an introduction to South Carolina and the foundations needed for later study of this state.
	GETTIN' TO KNOW ME (4-8)	GETTIN' TO KNOW ME is about a contemporary southern black family and the role black folklore plays in their daily lives.
	AMERICA COUNTS (4-12)	This series depicts the feelings and attitudes of different Americans toward their country, in an attempt to help students discover the meaning of being an American.
	TRULY AMERICAN (4-8)	This series helps students become aware of their heritage and to appreciate it through biographical treatment of famous 20th-century Americans.
	AMERICAN LEGACY (5-6)	AMERICAN LEGACY explores significant historical events, personalities, and economic and cultural foundations of our nation.
	PORTRAIT OF AMERICA (5-12)	PORTRAIT OF AMERICA presents a state-by-state search for understanding of the many parts that make up the whole concept of America—its vibrancy and strength, its richness as our home. It examines the lives of hundreds of people and experiences their successes and achievements, their

		striving for a good life for themselves and their children, their determination and ingenuity, and their strong attachment to the land.
	THE AMERICAN FRONTIER (6-12)	THE AMERICAN FRONTIER, hosted by Charlie Jones and Merlin Olsen, is an unusual series of 16 short television vignettes depicting the colorful legends and history of the old west, as well as its important characters and events.
	THE AMERICAN FRONTIER II (6-12)	THE AMERICAN FRONTIER II is a new set of 20 television vignettes depicting the colorful people, places and events, and legends of the old west. Co-hosted by Charlie Jones (Emmy-winning producer and veteran NBC-TV sportscaster) and Merlin Olsen (former NFL football player and star of FATHER MURPHY) THE AMERICAN FRONTIER II is shot on location in the west. Each lesson is designed to teach something new about the history of this country and its pioneer people. The series is based on historical research presented in an interesting, concise format.
3. Increased knowledge of the everyday workings of our economic system. A significant proportion of our population cannot make change and effectively manage their personal finances.	PENNYWISE (1-3)	Puppetry and dramatization are the vehicles used in the series to demonstrate essential economic fundamentals.
	TRADE-OFFS (4-6)	This series increases knowledge of economics, aids in building skills in using economic concepts, and motivates an interest in the economic world.
	GIVE & TAKE (6-8)	GIVE & TAKE assists students in development of economic understandings and decision-making skills.
4. Knowledge of the geography of our community, state, nation and world as it relates to the development of our society and as it influences our environment.	PRIMARY GEOGRAPHY (2-4)	This primary-grade geography series teaches map and globe skills and geography concepts that second, third and fourth graders need to know. A group of children and their friend, Geo, find themselves in different situations where they need to know and use geography concepts and map and globe skills. These concepts and skills are also presented in a direct teaching approach using eye-catching visuals and high technology production techniques.
	FINDING OUR WAY (4-8)	Through careful sequencing, the series introduces, develops and reinforces such concepts as position, direction and distance on the earth's surface. Students are taught how to read and interpret map and globe information for a better understanding of any social studies curriculum.
	ODYSSEY (4-6)	ODYSSEY carries students along on an exploration of the Antarctic and Arctic regions of the world, examining their climate, physical and biological features and history.
	GLOBAL GEOGRAPHY (6-9)	The content of this series is based on the five fundamental themes of geography described in the *Guidelines of Geographic Education*. The themes are location, place, relationships within places, movement and regions. The themes reflect the basic ideas and concepts used in global geography. Those ideas and concepts are powerful tools that can be used by students to understand and make decisions about important issues they will face as citizens.
	SOUTH CAROLINA GEOGRAPHY (6-9)	This series responds to the specific needs of middle and junior high schools for instructional resources in teaching the geography of the state. The programs will provide indepth study of the state's regions as the *Guidelines of Geographic Education* are applied.
5. Provide instruction on the natural and social aspects of man's interrelationships with his environment.	S. C. NATURESCENE (6-10)	NATURESCENE is a series of programs that explore nature in South Carolina. Programs are taped in a variety of interesting locations and are recommended particularly for biology and environmental studies.
	NATIONAL GEOGRAPHIC SPECIALS (5-12)	NATIONAL GEOGRAPHIC SPECIALS are a group of TV programs developed by the National Geographic Society that presents science, geography and history subject matter for students, grades 5-12.

	SPIRIT OF THE LAND (6-12)	The purpose of this series is to illustrate the rich heritage of native American cultures, beginning with films on native Alaskan and Hawaiian peoples, and to explore how each society has developed through adaptation to their specific environment.

Supplemental/Enrichment Resources

	AUNT HARRIET'S MAGIC HATS (K-3)	Series introduces 13 community workers—their roles, duties and responsibilities, job locations and their relationships to others in the community.
	WHAT'S IN THE NEWS? (4-6)	This weekly current events series demonstrates to students that the news can teach them more about the world in which they live. From the series, students learn to think of the news as a means of developing new interests or of pursuing the interests they already have.
	THE CLYDE FROG SHOW (1)	Programs of this series are designed to help primary students understand and cope with their emotions. Situations commonly encountered by young children are presented.
	CELEBRATE (K-2)	CELEBRATE explores the reasons why we have holidays and how they are celebrated.

Level: Middle and Junior High

Defined Minimum Program: Grades 7-8, 200 minutes weekly. Eighth-grade social studies must include South Carolina history as it relates to the United States.

Curriculum Need	Series (Grade Level)	Comments
1. Develop critical thinking skills in learning who we are and how we got that way.	WHAT IS . . . ? (6-12)	WHAT IS . . . ? is an exploration of the nature of history itself. Series explores fundamental concepts of various academic areas, e.g. history, economics, anthropology, geography, archeology, etc. and provides objective criteria which enable students to become critical thinkers about each of these disciplines and about the world around them.
2. Provide opportunities to gain knowledge and appreciation of our history, so students can profit from our experiences and build on our heritage.	PORTRAIT OF AMERICA (5-12)	PORTRAIT OF AMERICA presents a state-by-state search for understanding of the many parts that make up the whole concept of America—its vibrancy and strength, its richness as our home. It examines the vignettes of hundreds of people and experiences their successes and achievements, their striving for a good life for themselves and their children, their determination and ingenuity, and their strong attachment to the land.
	THE AMERICAN FRONTIER (6-12)	THE AMERICAN FRONTIER, hosted by Charlie Jones and Merlin Olsen, is an unusual series of 16 short television vignettes depicting the colorful legends and history of the old west, as well as its important characters and events.
	THE AMERICAN FRONTIER II (6-12)	THE AMERICAN FRONTIER II is a new set of 20 television vignettes depicting the colorful people, places and events, and legends of the old west. Co-hosted by Charlie Jones (Emmy-winning producer and veteran NBC-TV sportscaster) and Merlin Olsen (former NFL football player and star of FATHER MURHPY), THE AMERICAN FRONTIER II is shot on location in the west. Each lesson is designed to teach something new about the history of this country and its pioneer people. The series is based on historical research presented in an interesting, concise format.
	THE PALMETTO SPECIAL (8)	This series aids teachers in meeting the Defined Minimum Program requirement to teach South Carolina history in an exemplary manner. The series takes students throughout the state to observe dramatic re-enactments of events that helped shape our destiny.
	GETTIN' TO KNOW ME (4-8)	GETTIN' TO KNOW ME is about a contemporary southern black family and the role black folklore plays in their daily lives.

	TRULY AMERICAN (4-8)	This series helps students become aware of their heritage and to appreciate it through biographical treatment of famous 20th-century Americans.
	AMERICA COUNTS (4-12)	This series depicts the feelings and attitudes of different Americans towards their country, in an attempt to help students discover the meaning of being an American.
	AMERICAN LEGACY (5-6)	AMERICAN LEGACY explores significant historical events, personalities, and economic and cultural foundations of our nation, focusing on selected geographical areas.
	OUR STORY (6-12)	Programs are designed to motivate students to appreciate and better understand events, people and places important to the development of our nation.
3. Knowledge of geography of our community, state, nation, and world as it relates to the development of our society and as it influences our environment.	FINDING OUR WAY (4-8)	Through careful sequencing, the series introduces, develops, and reinforces such concepts as position, direction and distance on the earth's surface. Students are taught how to read and interpret map and globe information for a better understanding of any social studies curriculum.
	UNDERSTANDING OUR WORLD (4-6)	This series aids students in developing many social understandings by making them aware of the importance of geography in the world around them. The improvement of map and globe skills is a part of this interesting course.
	ODYSSEY (4-6)	ODYSSEY carries students along on an exploration of the Antarctic and Arctic regions of the world examining their climate, physical and biological features and history.
	GLOBAL GEOGRAPHY (6-9)	The content of this series is based on the five fundamental themes of geography described in the *Guidelines of Geographic Education*. The themes are location, place, relationships within places, movement and regions. The themes reflect the basic ideas and concepts used in global geography. Those ideas and concepts are powerful tools that can be used by students to understand and make decisions about important issues they will face as citizens.
	SOUTH CAROLINA GEOGRAPHY (6-9)	This series responds to the specific needs of middle and junior high schools for instructional resources in teaching the geography of the state. The programs will provide indepth study of the state's regions as *Guidelines for Geographic Education* are applied.
4. Increased knowledge of everyday workings of our economic system.	TRADE-OFFS (4-6)	Series considers fundamental economic problems relevant to everyday life. TRADE-OFFS significantly improves student's knowledge of and attitudes toward economics.
	GIVE & TAKE (6-8)	GIVE & TAKE assists students in development of economic understandings and decision-making skills.
5. Enhance understanding of world cultures.	WORLD CULTURES (7-8)	WORLD CULTURES is designed to help young people see three very different cultures through the eyes of the people who are part of them, and understand the concepts of interdependence and global culture.
6. Provide instruction on natural and social aspects of man's interrelationships with his environment.	S.C. NATURESCENE (6-10)	NATURESCENE is a series that explores South Carolina. Programs are taped on location and include history as well as natural history. The series is recommended for environmental studies.
	THE HUMAN COMMUNITY (6-10)	The series embraces aspects of human population growth, use/storage of chemicals, present and future energy sources and human manipulations of organisms/environment.
	NATIONAL GEOGRAPHIC SPECIALS (5-12)	NATIONAL GEOGRAPHIC SPECIALS are a group of TV programs developed by the National Geographic Society that presents science, geography and history subject matter for students, grades 5-12.
	SPIRIT OF THE LAND (6-12)	The purpose of this series is to illustrate the rich heritage of Native American cultures, beginning with films on native Alaskan

		and Hawaiian peoples, and to explore how each society has developed through adaptation to their specific environment.
Supplemental/Enrichment Resources		
	EXXON ENERGY CUBE (7-12)	The programs in this series may be selectively used in high school courses where energy is studied. Topics include: Energy and Physics, Energy and Earth Science, Energy and Biology Energy and Chemistry, Energy and Society, and Energy and Science. The two introductory programs help to teach about petroleum and other fuels and "supplemental" energy sources.

Level: Secondary

Defined Minimum Program: A school program will include each year:
A. U.S. History and Constitution,
B. Economics and American Government,
C. Three other courses in the approved social studies area,
D. All accredited high schools shall include environmental studies as a part of the instructional program.

Curriculum Need	Series (Grade Level)	Comments
1. Develop critical thinking skills in learning who we are and how we got that way.	WHAT IS . . . ? (6-12)	WHAT IS . . . ? is an exploration of the nature of history itself. Series explores fundamental concepts of various academic areas, e.g. history, economics, anthropology, geography, archeology, etc. and provides objective criteria which enable students to become critical thinkers about each of these disciplines and about the world around them.
2. Knowledge of our history. An understanding of our heritage, laws, institutions and ideals is needed as a foundation for changing and strengthening our present society and government.	AMERICA COUNTS (4-12)	This series depicts the feelings and attitudes of different Americans towards their country, in an attempt to help students discover the meaning of being an American.
	PORTRAIT OF AMERICA (5-12)	PORTRAIT OF AMERICA presents a state-by-state search for understanding of the many parts that make up the whole concept of America—its vibrancy and strength, its richness as our home. It examines the lives of hundreds of people and experiences their successes and achievements, their striving for a good life for themselves and their children, their determination and ingenuity, and their strong attachment to the land.
	THE AMERICAN FRONTIER I (6-12)	THE AMERICAN FRONTIER, hosted by Charlie Jones and Merlin Olsen, is an unusual series of 16 short television vignettes depicting the colorful legends and history of the old west, as well as its important characters and events.
	THE AMERICAN FRONTIER II (6-12)	THE AMERICAN FRONTIER II is a new set of 20 television vignettes depicting the colorful people, places and events, and legends of the old west. Co-hosted by Charlie Jones (Emmy-winning producer and veteran NBC-TV sportscaster) and Merlin Olsen (former NFL football player and star of FATHER MURPHY), THE AMERICAN FRONTIER II is shot on location in the west. Each lesson is designed to teach something new about the history of this country and its pioneer people. The series is based on historical research presented in an interesting, concise format.
	OUR STORY (6-12)	Programs are designed to motivate students to appreciate and better understand people, events and places important to the development of our nation.
	OLD WORLD BACKGROUND (7-12)	This series begins with pre-historic man and moves through the development of Asiatic and European cultures, giving the student a better understanding of the beginnings of this nation and our world today.
	TAXWHYS: UNDERSTANDING OUR TAXES (9-12)	This series is designed for use in business classes, such bookkeeping, business mathematics and accounting. Because the topic affects all students, teachers are introducing it successfully into their courses. Recommended also for courses in social science work study programs, history, government, civics, economics, distributive education and

		vocational agriculture. The series is designed to teach students how taxes impact the economy of the United States and its citizens. Programs focus on the U.S. tax structure, the reasons for inflation and unemployment, and what are "fair taxes."
	AMERICA (9-12)	AMERICA will help students capture the flavor of the American experience, relate it to their own lives, and, hopefully, obtain meaning and guidance for today and the future.
	U. S. HISTORY (9-12)	From U.S. HISTORY students will gain a knowledge of key people, events and issues that have been important to the development of America.
	EQUAL JUSTICE UNDER THE LAW (10-12)	This series demonstrates how the far-sighted opinions of the U.S. Supreme Court under Chief Justice John Marshall, from 1801 to 1835, shaped the course of America. Landmark cases in his courtroom which defined the powers of the judiciary and the federal government are presented.
	WAYS OF THE LAW (10-12)	WAYS OF THE LAW programs are designed to acquaint students with those areas of the law with which they are likely to come in contact as adults. The overall objective is to enhance their survival skills and thereby make them more productive citizens.
3. Knowledge of geography of our community, state, nation and the world as it relates to the development of our society and as it influences our environment.	GLOBAL GEOGRAPHY (6-9)	The content of this series is based on the five fundamental themes of geography described in the *Guidelines of Geographic Education*. The themes are location, place, relationships within places, movement, and regions. The themes reflect the basic ideas and concepts used in global geography. Those ideas and concepts are powerful tools that can be used by students to understand and make decisions about important issues they will face as citizens.
	SOUTH CAROLINA GEOGRAPHY (6-9)	This series responds to the specific needs of middle and junior high schools for instructional resources in teaching the geography of the state. The programs provide indepth study of the state's regions as the *Guidelines for Geographic Education* are applied.
4. Enhance understanding of world history and world cultures.	NEWSCAST FROM THE PAST (9-12)	This series presents a global concept of history that allows for a horizontal view of the world within a specified period of time (40 years within a given century).
	SAUDI ARABIA (9-12)	SAUDI ARABIA, an examination of the history, culture and people of this Middle Eastern nation, is a comprehensive look at this important land and the questions and challenges it poses.
5. Understanding of the structure and operation of local and state government.	MAKING GOVERNMENT WORK (11-12)	The series is designed to familiarize high school students with the functions of state and local government, state and federal administrative agencies and inter-governmental relations.
6. Increased knowledge of the everyday workings of our economic system.	AMERICAN ENTERPRISE (11-12)	AMERICAN ENTERPRISE examines the economic history of the United States and focuses on five key elements in America's economic growth—land, people, innovation, organization and government. The host/narrator for this series is actor William Shatner.
	TRADE-OFFS (4-6)	Many programs from TRADE-OFFS are appropriate for intermediate grades and/or secondary grades. The series increases knowledge of economics and builds skills in use of economic concepts.
	GIVE AND TAKE (6-8)	GIVE AND TAKE assists students in development of economic understandings and decision-making skills.
7. Improve ability to solve economic problems/issues.	IMPROVING ECONOMICS REASONING (9-12)	Each of the project's eight instructional units will emphasize application and systematic thinking. The economic reasoning methodology will be apparent enough so that students completing a unit will learn a more general reasoning structure to be applied in working through problems/issues using the appropriate tools

		of economics. This series curriculum package contains teacher and student materials and microcomputer programs requiring 64K memory.
8. Provide instruction on natural and social aspects of man's interrelationship with his environment.	NATIONAL GEOGRAPHIC SPECIALS (5-12)	NATIONAL GEOGRAPHIC SPECIALS are a group of TV programs developed by the National Geographic Society that presents science, geography and history subject matter for students, grades 5-12.
	S.C. NATURESCENE (6-10)	NATURESECENE is a series that explores South Carolina. Programs are taped on location and include history as well as natural history. The series is recommended for environmental studies.
	THE HUMAN COMMUNITY (6-10)	The series embraces aspects of human population growth, use/storage of chemicals, present and future energy sources and human manipulations of organisms/environment.
	SPIRIT OF THE LAND (6-12)	The purpose of this series is to illustrate the rich heritage of native American cultures, beginning with films on native Alaskan and Hawaiian peoples, and to explore how each society has developed through adaptation to their specific environment.
	ENVIRONMENTAL STUDIES (9-12)	ENVIRONMENTAL STUDIES is a series of films and videotapes for an interdisciplinary program addressing the use and management of natural resources in South Carolina. Programs stand alone or may be used in any order as units in the Environmental Studies course.
Supplemental/Enrichment Resources		
	SPEAKEASY (6-12)	The fundamentals and finer points of effective speech and debate are taught through the series. SPEAKEASY is designed to enrich social studies and language arts curricula in the junior and senior high school.

Subject Area: Environmental Studies

Level: Grades 1-12

Defined Minimum Program: Environmental education is required as an integral part of science, social studies and health.

Curriculum Need	Series (Grade Level)	Comments
1. Provide instruction on the natural and social aspects of man's interrelationship with his environment.	UP CLOSE AND NATURAL (1-4)	Series emphasizes the close relationships of humans to nature and the importance of respecting the harmony and order of the natural world.
	THE HUMAN COMMUNITY (6-10)	The series embraces aspects of human population growth use/storage of chemicals, present and future energy sources and human manipulations of organisms/environment.
	S. C. NATURESCENE (6-10)	NATURESCENE is a series that explores South Carolina. Programs are taped on location and include history as well as natural history. The series is recommended for environmental studies.
	ENVIRONMENTAL STUDIES (9-12)	ENVIRONMENTAL STUDIES is a series of films and videotapes for an interdisciplinary program addressing the use and management of natural resources in South Carolina. Programs stand alone or may be used in any order as units in the Environmental Studies course.

Subject Area: Computer Education

Level: Elementary

Curriculum Need	Series (Grade Level)	Comments
1. Increase base level of knowledge about microcomputers and their application.	COMPUTERBREAK (4-8)	This series acquaints the learner with the extent of computer integration into society, the history of computers, how a computer works, the importance of human thinking to the process, and the essential steps, statements, and commands to programming in BASIC. The last program applies the information gained in the first 11 programs, so that the learner can become an active participant in a computerized society.
2. Increase understanding of computer use as a problem-solving tool.	VOYAGE OF THE MIMI (3-7)	The television series presents a wide variety of scientific/ mathematical concepts in real-world settings. The related computer modules provide activities to develop specific knowledge and concepts introduced in the television series. The software games and activities extend concepts, and model real-world applications of computers and problem-solving tools.
	THE COMPUTER ROOM (4-7)	This series of ten 15-minute programs is designed to introduce students to computers by building awareness of what computers do in the school, home and workplace. The magazine format programs feature a section on the history of computers, a short review of software, segments with computer users, and a visit to Rimmer's Room, where hacker Steve Rimmer demonstrates various computer components and explains how they function.
	NIBBLES (6-12)	NIBBLES is a series composed of selected animated segments from the BITS and BYTES television series that explores microcomputers and their use.

Level: Middle—Junior High—Secondary

Defined Minimum Program: One unit in computer science, if approved by the State Department of Education for this purpose, may be counted towards the requirement of earning three units in mathematics.

Curriculum Need	Series (Grade Level)	Comments
1. Increase understanding of computer use as a problem-solving tool.	VOYAGE OF THE MIMI (3-7)	The television series presents a wide variety of scientific/ mathematical concepts in real-world settings. The related computer modules provide activities to develop specific knowledge and concepts introduced in the television series. The software games and activities extend concepts, and model real-world applications of computers and problem-solving tools.
	THE COMPUTER ROOM (4-7)	This series of ten 15 minute programs is designed to introduce students to computers by building awareness of what computers do in the school, home and workplace. The magazine format programs feature a section on the history of computers, a short review of software, segments with computer users, and a visit to Rimmer's Room, where hacker Steve Rimmer demonstrates various computer components and explains how they function.
	NIBBLES (6-12)	NIBBLES is a series composed of selected animated segments from the BITS AND BYTES television series that explores microcomputers and their use.

Subject Area: Music, Drama and Dance

Level: Elementary

Defined Minimum Program: Grades 1-6, 40 minutes weekly.

Curriculum Need	Series (Grade Level)	Comments
1. Provide experiences in extending and reinforcing basic concepts music education.	HARMONY (2-3)	From the HARMONY series students will gain an understanding of the performing arts—music, drama and dance. The series' in objectives will focus on creating the arts, responding to the arts and living within the arts.
	MUSIC AND ME (3-4)	MUSIC AND ME actively involves the learner in a process of skills development through singing, listening, rhythmic expression and the playing of simple instruments. The series emphasizes a more complete musical experience and assists with the development of an understanding and appreciation for music.
	MUSICAL ENCOUNTER (3-6)	This series transmits the joy and enthusiasm of those children playing musical instruments for their peers—the viewers, and exposes the viewing audience to the various sounds of musical instruments and fosters an understanding of the difficulties that challenge the players of each instrument.
	IT'S MAINLY MUSIC (4-6)	In this series Heather, a musician, and her three young friends, Kimberly, Justin and Nicholas, explore the components and various concepts of music. Together they discuss the importance of melody, harmony and rhythm. The programs include demonstrations many different styles of music and a variety of musical instruments.
	GUITAR (6-12)	This "how-to" series is designed to introduce basic guitar techniques to beginning guitar students.
2. Enrich classroom instruction as well as provide opportunities for experiencing extended artistic performances such as concerts, operas, musicals, ballets, drama and mime.	PASS IT ALONG (4-5)	Each program in the series features an artist who expresses himself in a different artistic medium but each artist is concerned with and inspired by the natural beauty of our environment. Topics covered are photography, dance, performance, painting, architecture, writing and music. The series blends scientific, artistic and environmental concepts.
	ARTS-A-BOUND (4-6)	ARTS-A-BOUND takes fifth and sixth grade students on field trips to where the arts are made, displayed or performed. The series helps students understand value and enjoy theater, dance, music and the visual arts by exposing them to the people, the process and the performance of all kinds of arts.
	MEET AN ORCHESTRA MUSICIAN (4-8)	This fantasy about an imaginary symphony orchestra preparing for a youth concert introduces students to musicians from all the sections of the orchestra. Viewers see and hear all the families of instruments and begin to understand the care those instruments require and the physical and mental work and cooperation that go into a performance.

Level: Middle, Junior High and Secondary

Defined Minimum Program: Fine Arts: A fine arts program including music and art will be provided as an elective for 36 weeks. Courses in fine arts must be offered during the school day at a scheduled period. Students electing to take the fine arts courses shall be scheduled for a minimum of 250 minutes weekly for nine weeks .

Curriculum Need	Series (Grade Level)	Comments
1. Provide opportunities to experience performance in music, drama and dance.	EXPERIENCES IN MUSIC, DRAMA AND DANCE (7-12)	EXPERIENCES IN MUSIC, DRAMA AND DANCE helps strengthen the music curriculum at the secondary level through exposure to artistic performances in the area of music, drama and dance.
2. Provide skills necessary for beginning to play the guitar.	GUITAR (6-12)	This "how-to" series is designed to introduce basic guitar techniques to beginning guitar students.
3. Enrich classroom instruction as well as provide opportunities for experiencing extended artistic performances such as concerts, operas, musicals, ballets, drama and mime.	MEET AN ORCHESTRA MUSICIAN (4-8)	This fantasy about an imaginary symphony orchestra preparing for a youth concert introduces students to musicians from all the sections of the orchestra. Viewers see and hear all the families of instruments and begin to understand the care those instruments require and the physical and mental work and cooperation that go into a performance.

Subject Area: Art

Level: Elementary

Defined Minumum Program: Grades 1-6, 40 minutes weekly.

Curriculum Need	Series (Grade Level)	Comments
1. Promote an understanding of the arts as a means of expressing oneself, communicating with and learning about the world.	THE BIG A (1-3)	THE BIG A serves as a resource for understanding the arts by allowing students to explore concepts in art history, criticism, aesthetics, and studio art.
	ARTS-A-BOUND (5-7)	ARTS-A-ABOUND takes fifth and sixth grade students on field trips to where the arts are made displayed or performed. The series helps students understand, value and enjoy theater, music and the visual arts by exposing them to the people, the process and the performance of all kinds of arts.
	ARTSCAPE (4-6)	When art is introduced to children, something magical happens. The eight programs of ARTSCAPE recognize this, and lend a fresh approach to teaching kids the basic concepts of visual art. The series itself is artiscally superb, featuring original songs and electronic music in stereo, great works of visual art, and dazzling, advanced computer graphics. Art becomes real, fascinating and fun.
2. Provide assistance to schools not having specialized art teachers.	IMAGES AND THINGS (4-7)	IMAGES AND THINGS helps strengthen the teaching of art by providing classroom art experiences not available to the ordinary classroom. The series helps students to perceive qualities in people, objects and events, and learn to respond and use them in visual expressions. It also helps students discriminate among characteristics of art media.
3. Provide opportunities to explore art activities, e.g., develop manipulative skills and creative expression.	DRAW ALONG (1-3)	This series is based upon the philosophy that drawing is a way of communicating one's thoughts and feelings to others and sometimes to one's self. It encourages children to express themselves graphically and gives them suggestions for doing so. Subjects chosen from presentations are slow-paced.
	RETURN OF THE ARTMAKER (5-7)	This series, which includes lessons in advanced painting, crayon techniques, and clay, as well as poster making, book making, soap carving, floral arrangements, papier mache, collages, lettering, murals, and perspective, challenge the students to reach new highs in manipulative skills and creative expression.

	PHOTO TIPS (6-12)	The purpose of PHOTO TIPS is to demonstrate photographic techniques and solutions to common problems in order to create interesting pictures with simple equipment. Use of tripods, backdrops, lens selection, props, light control, angles are among the many techniques included in the short but content-filled programs.

Subject Area: Fine Arts

Level: Middle and Junior High

Defined Minimum Program: Fine Arts—A fine arts program including music and art will be provided as an elective for 36 weeks. Courses in fine arts must be offered during the school day at a scheduled period. Students electing to take fine arts courses shall be scheduled for a minimum of 250 minutes weekly for nine weeks.

Curriculum Need	Series (Grade Level)	Comments
1. Promote an understanding of the arts as a means of expressing oneself, communicating with and learning about the world.	ARTSCAPE (4-6)	When art is introduced to children, something magical happens. The eight programs of ARTSCAPE recognize this, and lend a fresh new approach to teaching kids the basic concepts of visual art. The series itself is artistically superb, featuring original songs and electronic music in stereo, great works of visual art, and dazzling, advanced computer graphics. Art becomes real, fascinating and fun.
	ARTS ALIVE (6-8)	Eight of the programs in ARTS ALIVE deal with the elements and processes of the visual arts, dance, music and drama. For each of these, one program examines the distinctive elements of which it is made, and one program shows how these elements are combined during the creative process. Five programs focus on the role of the arts in life and the value of arts to the individual and society.
	PHOTO TIPS (6-12)	The purpose of PHOTO TIPS is to demonstrate photographic techniques and solutions to common problems in order to create interesting pictures with simple equipment. Use of tripods, backdrops, lens selection, props, light control, angles are among the many techniques included in the short but content-filled programs.
2. Provide opportunities to explore art activities, e.g., develop manipulative skills and creative expression.	RETURN OF THE ARTMAKER (5-7)	This series, which includes lessons in advanced painting, crayon techniques, and clay, as well as poster making, book making, soap carving, floral arrangements, papier mache, collages, lettering, murals, and perspective, challenge the students to reach new highs in manipulative skills and creative expression.
3. Opportunity to develop aesthetic judgment skills within the intermediate years. Opportunity to incorporate elements of art history and criticism in courses.	IMAGES AND THINGS (5-8)	IMAGES AND THINGS helps students discriminate among characteristics of art media. It also helps them perceive qualities in people, objects, and events, and learn to respond and use them in visual expressions.

Level: Secondary

Curriculum Need	Series (Grade Level)	Comments
1. Opportunity to develop aesthetic and critical judgment skills and to incorporate elements of art history and criticism in courses.	PHOTO TIPS (6-12)	The purpose of PHOTO TIPS is to demonstrate photographic techniques and solutions to common problems in order to create interesting pictures with simple equipment. Use of tripods, backdrops, lens selection, props, light control, and angles are among the many techniques included in these short but content-filled programs.

	VISIONS: ARTISTS AND THE CREATIVE PROCESS (11-12)	The words and works of more than 40 artists pull viewers into the heart of the creative moment. TV Ontario presents an extraordinary look at the process by which the artists shape an environment—a land, a sky, a people—to the demand of a very personal vision.

Subject Area: Health and Safety

Level: Elementary

Defined Minimum Program: Grades 1-6, 75 minutes weekly, 36 weeks annually. Environmental education is required as an integral part of science, social studies and health.

Curriculum Need	Series (Grade Level)	Comments
1. Promote improved health.	POWERHOUSE (5-8)	Series focuses on broad health themes such as stress, competition, alcohol abuse and nutrition.
	CONRAD (6-9)	CONRAD is a basic health education resource dealing with physical health and disease prevention. Student participation activities are provided with each lesson in the teacher's guide to insure real understanding and practice of health concepts essential to development of good health.
	SOUP TO NUTS (7-8)	This nutrition education series is designed to change poor food selection habits in regard to the exploration of values and attitudes and the acquisition of proper knowledge and skills.
2. Provide a progressive program of health instruction that is consistent with growth and development patterns of children.	ALL ABOUT YOU (2-3)	ALL ABOUT YOU is a series that integrates science and health instruction. The series presents a picture of what a human being is and promotes an understanding of how people grow and develop physically and mentally.
	THE INSIDE STORY WITH SLIM GOODBODY (3-5)	THE INSIDE STORY WITH SLIM GOODBODY deals with the human body and how to maintain it as a healthy organism.
	CONRAD (6-9)	Since lifestyles are developed very early in life, the series shows the cause and rehabilitation from disease; thus allowing students to determine their own set of values regarding health. The choice of content was based on the documented need for more health information in various critical areas.
3. Promote safety habits.	CALLING ALL SAFETY SCOUTS (1-3)	This series provides children with vital safety concepts in a way that is both informative and fun. These magazine-format shows offer youngsters sound information and instruction in correct safety practices in the home, school, community and recreational environments. The series shows children how and where accidents occur, and sensible means of preventing them. It also offers many opportunities for participation-safety quizzes, and other games and activities are regular features.
	SCHOOL BUS SAFETY (K-12)	SCHOOL BUSY SAFETY promotes the safe use and driving of school buses by students.
4. Provide instruction on child sexual abuse.	AN OUNCE OF PREVENTION (Child Sexual Abuse) (4-6)	This series is designed to provide vital, age-appropriate and broadly usable information on sexual abuse to children four through fourteen years of age. The programs should be used only after preview and the appropriate involvement of local school district or community groups.

5. The development of good mental health as an important component of health instruction.	INSIDE/OUT (4-7)	Series uses an approach to mental health which enables the child to consider, to feel, and to act upon the choices that bear on the quality and scope of his or her own life. INSIDE/OUT demonstrates quality experiences in positive mental health.
Supplemental/Enrichment Resources		
	MULLIGAN STEW (4-7)	This series examines calorie counting, fad diets, diet planing, food buying, food preparation, digestion, natural foods etc. MULLIGAN STEW aims to help students discover good health.

Level: Middle and Junior High

Defined Minimum Program: Grades 7-8, 250 minutes weekly, 9 weeks annually.

Curriculum Need	Series (Grade Level)	Comments
1. Promote improved health habits.	POWERHOUSE (5-8)	Series focuses on broad health themes such as stress, competition, alcohol abuse and nutrition.
	SOUP TO NUTS (7-8)	This nutrition education series is designed to change poor food habits in regard to food selection by exploring values, attitudes, acquiring knowledge and skills.
2. Provide a progressive program of health instruction which is consistent with growth and development patterns of children.	CONRAD (6-9)	CONRAD is a basic health education resource dealing with physical health and disease prevention. Student participation activities are suggested to insure real understanding and practice of health concepts.
3. Provide instruction promoting good mental health—an important component of health instruction.	SELF INCORPORATED (5-8)	This series is designed to stimulate classroom discussion of some of the critical issues and problems of early adolescence such as life changes, sexual identity, cliques and drugs. Teachers, mental health workers, counselors and parents can make effective use of SELF INCORPORATED.
4. Promote safety habits.	IT'S YOUR MOVE (1-6)	IT'S YOUR MOVE is designed to promote pedestrian and bicycle safety habits and to help all students develop sound attitudes toward safety practices in all aspects of life.
	SCHOOL BUS SAFETY (K-12)	SCHOOL BUS SAFETY promotes the safe use and driving of school buses by students.
	BEFORE THE STORM (7-12)	Everyone who lives in areas where hurricanes may occur should always be prepared to take whatever actions are necessary to protect life and property. The series was produced by South Carolina ETV for the South Carolina Coastal Council, in consultation with the National Weather Service, the Council's hurricane videos council, and other agencies. The programs are suitable for use with adult groups as well as students.

Level: Secondary

Defined Minimum Program: Grades 9-12. A minimum of one unit of health education will be offered as an elective for 36 weeks in a school program. Health courses may be taught on a semester basis.

Curriculum Need	Series (Grade Level)	Comments
1. Provide instruction on contemporary health problems of the adolescent, emphasizing individual responsibility for one's health.	CONRAD (6-9)	Series content focuses on the critical health needs of the adolescent. Practical methods of improving and maintaining one's own health are emphasized.
	HERE'S TO YOUR HEALTH (9-12)	Series provides medical and health information on several major health problems of our society in an entertaining and straightforward manner. Topics covered include nutrition, dental care, drugs, alcoholism, mental health, heart disease and cancer.
	SMOKING AGAINST YOUR WILL (9-12)	This documentary is designed to increase awareness of the risks associated with exposure to "side-stream" smoke. At home, in the workplace, and in such enclosed public spaces as restaurants, stores, buses, and airplanes.
2. Provide instruction promoting good mental health—an important component of health instruction.	ON THE LEVEL (8-12)	This series in personal and social growth is designed for secondary school students and is intended to be a part of a school system's comprehensive health education program. Topics covered include developing self concept, accepting feelings, managing conflict and coping with stress.
	SOMETIMES I WONDER IF IT'S WORTH IT (9-12)	This program deals with suicide and coping with the wish to die. Because of the sensitive nature of this subject, the program is intended for viewing by small groups of teenagers and parents. In the four segments, individuals who have thought about or attempted suicide or experienced a child's suicide as parents talk about their pain, feelings and choices. Dale Linquist, a counselor on the staff of the Counseling Center of Southern Westchester in Bronxville, N.Y., researched, filmed, and directed this program. In commenting on the impact of the film's coping message, he says, "There's a difference to ending what's going on in one's life, and ending one's life. I think that just sums it right up."
3. Promote safety habits.	SCHOOL BUS SAFETY (K-12)	SCHOOL BUS SAFETY promotes the safe use and driving of school buses by students.
	BEFORE THE STORM (7-12)	Everyone who lives in areas where hurricanes may occur should always be prepared to take whatever actions are necessary to protect life and property. The series was produced by South Carolina ETV for the South Carolina Coastal Council, in consultation with the National Weather Service, the Council's hurricane videos council, and other agencies. The programs are suitable for use with adult groups as well as students.

Subject Area: Physical Education

Level: Elementary

Defined Minimum Program: Grades 1-6, 75 minutes weekly, 36 weeks annually.

Curriculum Need	Series (Grade Level)	Comments
1. Gain an awareness of body movement skills and control.	LEAPS AND BOUNDS (1-2)	In LEAPS AND BOUNDS, children in kindergarten through grade two demonstrate a noncompetitive, thinking approach to movement skills and a growing awareness of what they can do with their bodies. The series moves from basic concepts of body awareness and control to locomotor skills, creative movement, tumbling, and more complex skills, such as striking a ball with a paddle.

Level: Secondary

Defined Minimum Program: Grades 9-12. A school program will include health and physical education for boys and girls.

Curriculum Need	Series (Grade Level)	Comments
1. Practice an holistic approach to wellness.	FEELING FIT (9-12)	FEELING FIT takes an holistic approach to wellness and recognizes the interaction of physical, emotional, social, spiritual and intellectual factors that are necessary for well being. The series brings together the top wellness experts in the fields of health education, aging, exercise physiology, nutrition, medicine, stress management, weight control and behavioral change.

Subject Area: Driver Education

Level: Secondary

Defined Minimum Program: A school program shall include the complete program of driver education, classroom and behind-the-wheel phases.

Curriculum Need	Series (Grade Level)	Comments
1. Provide classroom teachers with driver education learning situations difficult or impossible to create in the classroom.	THE RIGHT WAY (9-12)	This series is designed to aid the classroom instructional phase of driver education and traffic education. Its objectives and content items are derived from what people do, on and off the highway, relating to the Highway Transportation System.

Subject Area: Vocational (Business Education)

Level: Secondary

Curriculum Need	Series (Grade Level)	Comments
1. Develop knowledge and awareness of business occupations.	KEYS TO THE OFFICE (9-12)	This series will help teachers to prepare their students to make the transition from the classroom to the world of business. It identifies and demonstrates basic business skills, concepts and attitudes that are essential to attainment of success in the modern business environment. The series encourages acquisition of business skills, such as effective speaking, clear writing, time management, effective face-to-face communication, and making decisions.

Subject Area: Vocational (Career Guidance)

Level: 3-12

Curriculum Need	Series (Grade Level)	Comments
1. Develop career planning skills essential to improving employment decisions.	PICKING YOUR PATH (3-6)	This series of short introductions to the 14 basic career clusters will provide springboards for students to discuss various careers

		they may choose to pursue. Teachers will find these programs valuable resources to help their students begin to pursue their interests in developing skils and knowledge in "paths" that appeal to them for possible career development.
	CAREER PLANNING (9-12)	This series is designed to provide secondary students with skills and strategies with which to plan careers for themselves. The series, presented in a dramatized format, follows the efforts of three high school students as they decide upon their future occupations. Each student deals with parental and peer pressure, the pressures of a tough job market, and the need for self-analysis. The three students are aided in their search by guidance counselors, who help them discover successful tools and techniques for finding the right employment.
2. Develop knowledge and awareness of the work world.	WORLD OF WORK (9-12)	"Is technology stealing your job?" and "Where will you work tomorrow?" These are two of the big questions that these two programs address. They will provide valuable information and insights into the impact of the rapidly developing technologies on how we work, where we work, and the kind of work we do. It is predicted that teenagers today could have three different careers during their working lives. Lifelong learning is taking on new meaning as changes accelerate that affect our careers.
3. Provide instruction to help students find, get and keep a job.	MAKING IT WORK (9-12)	This series introduces viewers to skills required for a job search, job acquisition and job survival.

Subject Area: Vocational (Home Economics)

Level: Secondary

Curriculum Need	Series (Grade Level)	Comments
1. To provide instruction in basic homemaking and parenting skills to better prepare students to assume responsible roles as parents and homemakers.	AND SEW ON (7-12)	Styles can change frequently and rapidly. And often teenagers are on the leading edge of that change. Shirley Adams, the series instructor, teaches girls and boys how to maintain that edge by demonstrating basic techniques for making clothes and accessories and for altering clothes to fit styles, body types and social situations. The instruction is clear and accurate and full of tips and tricks that can make the difference between an amateur and a professional effect.
	DIMENSIONS OF CHILD DEVELOPMENT (11-12)	This series is designed to help teachers and students studying Early Childhood Education focus on developmental needs of young children. It provides suggestions for opportunities that will enhance personal growth. Programs in the series focus on the developmental needs of young children in the following categories: social, creative, physical, emotional, intellectual and nutritional.
2. Provide instruction which promotes nutritional knowledge and development of healthful food selection habits.	SOUP TO NUTS (7-8)	SOUP TO NUTS is designed to encourage student evaluation of personal food habits as well as teach nutrition concepts. The series leads students through the decision-making process by exploring food related values, attitudes, knowledge and actions. Nutritional alternatives, risks and outcomes are presented to guide students toward making sound decisions regarding foods throughout their lives.
3. Provide instruction which promotes effective functioning as a consumer with a complex economic system.	AMERICAN ENTERPRISE (10-12)	This series of five programs examines the organization of the economic system and explores the influences of land, innovation and government. Citizen/consumer interaction with and impact on the system is presented.

Subject Area: Vocational (Trades and Industrial Education)

Level: 6-12

Curriculum Need	Series (Grade Level)	Comments
1. Provide more effective and appealing instruction on technical concepts and principles supporting high technology.	PRINCIPLES OF TECHNOLOGY (10-12)	This series includes video presentations, hands-on laboratory experience and exercises to make learning effective and appealing for the vocational student. In a concrete and practical manner, it shows how technical concepts and principles apply to mechanical, thermal, electrical, and fluidal (e.g., hydraulic and pneumatic) systems that are the foundation of high technology.
Supplemental/Enrichment Resources		
	PHOTO TIPS (6-12)	The purpose of PHOTO TIPS is to demonstrate photographic techniques and solutions to common problems in order to create interesting pictures with simple equipment. Use of tripods, backdrops, lens selection, props, light control and angles are among the many techniques included in the short but content-filled programs.
	WORKSHOP HINTS (8-12)	This series shows how to handle selected tools properly and how to apply this knowledge to create practical and artistic products in wood.

Subject Area: Guidance

Level: K-12

Curriculum Need	Series (Grade Level)	Comments
1. Promote the development of a positive self-concept in students.	INSIDE/OUT (4-7)	INSIDE/OUT teaches mental health instead of teaching about it. The effects of drugs, alcohol and tobacco, family living and communications skills are all approached through the affective lessons of this series.
2. Provide instructional resources to aid in teaching the concepts related to effective education and to assist teachers in development of their guidance and related skills.	INSIDE/OUT (4-7)	The effective approach of the series helps children to understand their own sadness, happiness, joy, fear, love and hate, and those feelings in others. The material in the guide will help teachers plan, create and meet the challenges of effective teaching.
3. Development of life-coping skills by children for dealing with the problems and challenges of living, changing, and growing.	SELF INCORPORATED (5-8)	SELF INCORPORATED serves as an effective guidance resource for the classroom teacher. A goal of the series is to stimulate children's interest in alternatives and potential solutions to issues confronting them.
	ON THE LEVEL (8-12)	This series in personal and social growth is intended to be a part of a secondary school's comprehensive health education program.

4. Development by children of personal and interpersonal skills and attitudes essential to success in school and work.	THE CLYDE FROG SHOW (1)	This series helps students develop positive attitudes toward others and decision-making skills. Programs aid teachers in promoting good mental health—a basis for all intellectual, social and professional functionings.
	BREAD & BUTTERFLIES (4-7)	BREAD & BUTTERFLIES translates these needs into goals and objectives and then into content and learning activities. The series should help students see the connection between school and the real world.
5. Development of clearer concepts of successful work behavior.	BREAD & BUTTERFLIES (4-7)	
6. Facilitate the integration and teaching of guidance concepts into the curriculum.	BREAD & BUTTERFLIES (4-7)	All subject area teachers should find the series useful not only in meeting the career development needs of students, but also in enhancing the skills taught in class.
7. Assist school counselors in providing knowledge and skills which lead the student to a more positive self-concept.	SELF INCORPORATED (5-8)	The series emphasizes and reinforces the affective component of the guidance program; teachers will find ideas and concepts which they may use in their classrooms.
8. Develop knowledge and awareness of the work world and to assist students in exploring career/occupational options.	BREAD & BUTTERFLIES (4-7)	Secondary students whose experiences have been deficient in some areas of career development will benefit from this series on adults at work.
	SPACES (5-8)	This series is designed to encourage minority children to consider science and technology as career choices by highlighting the accomplishments of blacks, Hispanics, Asians and Native Americans in science. It presents profiles and facts in a fast-paced magazine format of mini-documentaries, animation and music. Mini-documentaries comprise two-thirds of each program and show portraits of minority scientists and students. Also presents historical contributions of minority scientists and future trends in science.

Subject Area: Education For The Handicapped

Level: K-12

Utilization of ITV Resources in the education of the handicapped must be on an individual pupil and/or class basis. The special education teacher should consider the level of functioning and interest level of the handicapped pupils and review the television programs for those with appropriate content. Suggested uses include outlets for initial learning, reinforcing previously learned skills, enrichment and activities for teacher aides working with individuals or groups.

Curriculum Need	Series (Grade Level)	Comments
1. Provide for the effective implementation of the handicapped child's individualized education plan.	LETTER PEOPLE (1)	LETTER PEOPLE provides an interesting and exciting introduction to decoding skills essential to competency in listening, spelling, writing and reading skills. Applicable to BSAP decoding objective.
	READALONG (1)	READALONG uses animation, puppets and music to make learning to read fun. Repetition of words, phrases and sentences are put into meaningful and humorous situations that make activity stimulating even to reluctant learners. Applicable to BSAP decoding objective.
	THE CLYDE FROG SHOW (1)	Programs of this series are designed to help primary students understand and cope with their emotions. Situations commonly encountered by young children are presented.

2. Provide opportunity for handicapped students, to the maximum extent appropriate, to participate and be educated in the general education program. (Some examples may be; music, art and health.)		
MUSIC	EXPERIENCES IN MUSIC, DRAMA AND DANCE (7-12)	This series provides a variety of lessons which lend themselves to use as enrichment resources in general music programs.
ART:	LET'S DRAW (1-3)	LET'S DRAW is based upon the philosphy that drawing is a way of communicating feelings to others and sometimes to yourself. Subjects are popular ones and presentations are slow-paced.
	IMAGES AND THINGS (4-7)	IMAGES AND THINGS helps students to perceive qualities in people, objects, and events, and learn to respond and use them in visual expression.
HEALTH:	INSIDE/OUT (4-7)	The series uses an approach to mental health which enables the child to consider, feel and act upon the choices that bear on the quality and scope of his own life.
	SELF INCORPORATED (5-8)	This series is designed to stimulate an interest in young adolescents to develop coping skills for dealing with some of the most critical issues and problems concerning them.
3. Provide for the vocational education needs of the handicapped child—specifically designed, if necessary, to meet his individual needs.	BREAD & BUTTERFLIES (4-7)	This career development series provides open-ended programs on self-clarification, interpersonal relationships, and human dignity. It also provides exposure to work in which one can earn a livelihood.

General Comment

If, in any district there are handicapped students who receive all their instruction at home, appropriate use could be made of open circuit from 8:00 a.m. to 3:00 p.m.

Subject Area: Substance Abuse

Level: K-12

Defined Minimum Program: Alcohol and Drugs. Through special instruction, an awareness will be developed regarding the use and abuse of alcoholic drinks and drugs. Instruction will emphasize problems related to their use, pharmacological aspects and physiological effects upon the total community. Instruction will be offered in all schools of the state and will be studied and presented as thoroughly and in the same manner as all other required subjects.

Curriculum Need	Series (Grade Level)	Comments
1. Promote the development of positive self-concept among students.	INSIDE/OUT (4-7)	Emphasis in this series is on helping the whole child develop a personally effective lifestyle and on promoting the well-being of children.
2. Provide instruction to meet the DMP requirement to develop an awareness of the ill effects of alcohol and drugs.	INSIDE/OUT (4-7)	Programs from the series may be used to initiate study in substance abuse. Studies of the effects of alcohol, tobacco, and drug abuse can be approached through the effective lessons of INSIDE/OUT.

	WHY SAY NO TO DRUGS (6-12)	This program will be useful in classrooms and in counseling sessions where students are learning about the harmful effects of drugs and developing ways to cope with the pressures they experience through advertisements and their peers to use them. Students will view graphic demonstrations and situations where young people say no to drugs.
	DRINKING AND DRIVING: THE TOLL, THE TEARS (11-12)	This powerful documentary presents the devastating consequencces of mixing drinking and driving. The program and the guide ask for a personal commitment to make the decision in the only responsible way.
3. Promote the development of effective life-coping skills for dealing with such adolescent problems as substance abuse and peer pressure.	ON THE LEVEL (8-12)	This series can serve as a useful resource in stimulating interest in developing such skills as evaluation, decision making, risk confrontation and mediating. Such skills and a willingness to cope with issues and problems equip a person with alternatives for dealing with society.

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